

Attorney Docket No.: 1046.P001USC1

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WHAT IS CLAIMED IS:

1. (currently amended) A pendulum mount to support a display screen, comprising:
  - a ceiling mount, wherein cables run within the ceiling mount;
  - a support arm mechanically coupled to the ceiling mount with a first joint, wherein the first joint is operable to rotate about the ceiling mount in a first (x, y) plane and reposition the support arm at an angle to the first (x, y) plane, wherein the cables exit the ceiling mount and enter the support arm at the first joint, and wherein the cables run within the support arm;
  - a mounting assembly to support the display screen, mechanically coupled to the support arm with a second joint, wherein the second joint is operable to be repositioned independently of the first joint, rotate about the display screen in a second (x, y) plane about the mounting assembly, and reposition the display screen at an angle in a (y, z) plane relative to the support arm, wherein the cables exit the support arm and enter the support arm at the second joint, and wherein the cables run within the mounting assembly and operably couple to the display screen.
2. (Original) The pendulum mount of Claim 1, wherein the ceiling mount further comprises:
  - a conduit; and
  - a base mechanically coupled to the conduit wherein the base mechanically couples to the ceiling, wherein the conduit is operable to rotate +/- 360° relative to the base.
3. (Original) The pendulum mount of Claim 1, wherein tension between the support arm and the ceiling mount prevent the support arm from resting in a neutral position.
4. (Original) The pendulum mount of Claim 1, wherein the tension between the support arm and the ceiling mount is exerted by a gas tension spring.

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5. (Original) The pendulum mount of Claim 1, wherein the tension between the support arm and the ceiling mount is exerted by a friction hinge.

6. (Original) The pendulum mount of Claim 1, wherein the mounting assembly further comprises:

a second conduit; and

a rotator mechanically coupled to the second conduit wherein the rotator mechanically couples to the display screen, wherein the second conduit is operable to rotate  $\pm 360^\circ$  relative to the rotator.

7. (Original) The pendulum mount of Claim 1, wherein tension between the support arm and the mounting assembly prevent the display screen from resting in a neutral position.

8. (Original) The pendulum mount of Claim 1, wherein the cable travels along a channel in the first joint between the ceiling mount and the support arm.

9. (Original) The pendulum mount of Claim 1, wherein the cable travels along a channel in the second joint between the mounting assembly and the support arm.

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10. (currently amended) A pendulum mount to support a display screen, comprising:  
a ceiling mount, further comprising:

a conduit; and

a base mechanically coupled to the conduit wherein the base mechanically couples to the ceiling, wherein the conduit is operable to rotate  $\pm 360^\circ$  relative to the base, and wherein cables run within the conduit;

a support arm mechanically coupled to the ceiling mount with a first joint, wherein the first joint is operable to rotate about the ceiling mount in a first (x, y) plane and reposition the support arm at an angle to the first (x, y) plane, wherein the cables exit the ceiling mount and enter the support arm at the first joint, and wherein the cables run within the support arm, and wherein tension between the support arm and the ceiling mount prevent the support arm from resting in a neutral position;

a mounting assembly to support the display screen, mechanically coupled to the support arm with a second joint, wherein the second joint is operable to be repositioned independently of the first joint, rotate about the display screen in a second (x, y) plane about the mounting assembly, and reposition the display screen at an angle in a (y, z) plane relative to the support arm, wherein the cables exit the support arm and enter the support arm at the second joint, wherein the cables run within the mounting assembly and operably couple to the display screen, and wherein the mounting assembly further comprises:

a second conduit; and

a rotator mechanically coupled to the second conduit wherein the rotator mechanically couples to the display screen, wherein the second conduit is operable to rotate  $\pm 360^\circ$  within the second (x, y) plane relative to the rotator.

11. (Original) The pendulum mount of Claim 10, wherein the tension between the support arm and the ceiling mount is exerted by a gas tension spring.

12. (Original) The pendulum mount of Claim 10, wherein the tension between the support arm and the ceiling mount is exerted by a friction hinge.

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13. (Original) The pendulum mount of Claim 10, wherein tension between the support arm and the mounting assembly prevent the display screen from resting in a neutral position.

14. (Original) The pendulum mount of Claim 10, wherein the cable travels along a channel in the first joint between the ceiling mount and the support arm.

15. (Original) The pendulum mount of Claim 10, wherein the cable travels along a channel in the second joint between the mounting assembly and the support arm.

16. (Currently Amended) A pendulum mount to support a display screen for a dental patient, comprising:

a ceiling mount, further comprising:

a conduit; and

a base mechanically coupled to the conduit wherein the base mechanically couples to the ceiling, wherein the conduit is operable to rotate  $\pm 360^\circ$  relative to the base, and wherein cables run within the conduit;

a support arm mechanically coupled to the ceiling mount with a first joint, wherein the first joint is operable to rotate about the ceiling mount in a first (x, y) plane and reposition the support arm at an angle to the first (x, y) plane, wherein the cables exit the ceiling mount and enter the support arm at the first joint, and wherein the cables run within the support arm, and wherein tension between the support arm and the ceiling mount prevent the support arm from resting in a neutral position;

a mounting assembly to support the display screen for the dental patient, mechanically coupled to the support arm with a second joint, wherein the cables exit the support arm and enter the support arm at the second joint, wherein the second joint is operable to be repositioned independently of the first joint, rotate about the display screen in a second (x, y) plane about the mounting assembly, and reposition the display screen at an angle in a (y, z) plane relative to the support arm, wherein the cables run within the

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mounting assembly and operably couple to the display screen, and wherein the mounting assembly further comprises:

a second conduit; and

a rotator mechanically coupled to the second conduit wherein the rotator mechanically couples to the display screen, wherein the second conduit is operable to rotate +/- 360° within the second (x, y) plane relative to the rotator.

17. (Original) The pendulum mount of Claim 16, wherein the display screen is operable to be oriented for the dental patient in a reclined position.

18. (Original) The pendulum mount of Claim 16, wherein the tension between the support arm and the ceiling mount is exerted by a gas tension spring.

19. (Original) The pendulum mount of Claim 16, wherein the tension between the support arm and the ceiling mount is exerted by a friction hinge.

20. (Original) The pendulum mount of Claim 16, wherein the cable travels along a channel in the first joint between the ceiling mount and the support arm.

21. (Original) The pendulum mount of Claim 16, wherein the cable travels along a channel in the second joint between the mounting assembly and the support arm.

22. Cancelled.

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Drawing Corrections

The Examiner objected to the drawings for the following informalities:

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference characters "64" and "30" have both been used to designate top hinge tube, see page 12, line 11 and page 9, line 22. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

The drawings are objected to as failing to comply with 37 CFR 1.84(p)(5) because they do not include the following reference sign(s) mentioned in the description: "90" mounting assembly, "78" cavity, page 13, line 5, "68" mounting hole, page 12, "50", "52", "54". Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

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The drawings are objected to as failing to comply with 37 CFR 1.84(p)(4) because reference characters "42" and "92" have both been used to designate rotator. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action, in the next Office action. The objection to the drawings will not be held in abeyance.

The drawings are objected to as failing to comply with 37 GFR 1.84(p)(4) because reference characters "24" and "62" have both been used to designate pendulum mount tube (see page 12 and page 11). Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 37 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

The drawings are objected to because figures 8, 9, 13, 14, 15, and 16 when showing different views of the same element should be labeled as a separate figure. Corrected drawing sheets in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. Any amended replacement drawing sheet should include all

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of the figures appearing on the immediate prior version of the sheet, even if only one figure is being amended. The figure or figure number of an amended drawing should not be labeled as "amended." If a drawing figure is to be canceled, the appropriate figure must be removed from the replacement sheet, and where necessary, the remaining figures must be renumbered and appropriate changes made to the brief description of the several views of the drawings for consistency. Additional replacement sheets may be necessary to show the renumbering of the remaining figures. Each drawing sheet submitted after the filing date of an application must be labeled in the top margin as either "Replacement Sheet" or "New Sheet" pursuant to 31 CFR 1.121(d). If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

Applicant respectfully submits replacement sheets 1-25 to address the above identified objections. The applicant respectfully submits that changes to the drawings are provided on the replacement sheets in red.

Applicant respectfully submits that the drawings have been amended to more clearly show reference sign "90" for mounting assembly in Figure 13A. The specification has been amended such that page 13 line 5 indicates Cavity 74 as opposed to Cavity 75. Figure 7 has been amended to indicate Mounting Hole 68. Figure 5 has been amended to more clearly show positions 50, 52, and 54. The drawings have been amended such that only referenced characters 92 are used to designate Rotator 92. With respect to reference characters 24 and 62 the applicant respectfully submits that reference character 24 describe a pendulum tube mount while reference character 62 describes a pendulum mount tube. Therefore the applicant respectfully traverses the examiner's objections to the drawings with regards to reference characters 24 and 62. The applicant respectfully submits that Figures 8, 9, 13, 14, 15 and 16 which show different views of the same element have been relabeled as separate figures, as Figures 8A, 8B, 8C, 9A, 9B, 13A, 13B, 14A, 14B, 14C, 15A, 15B, 16A and 16B.